

## General Disaster Practice of Tohoku University Hospital (2013/11/8)

Venue: Tohoku University Hospital (Sendai)

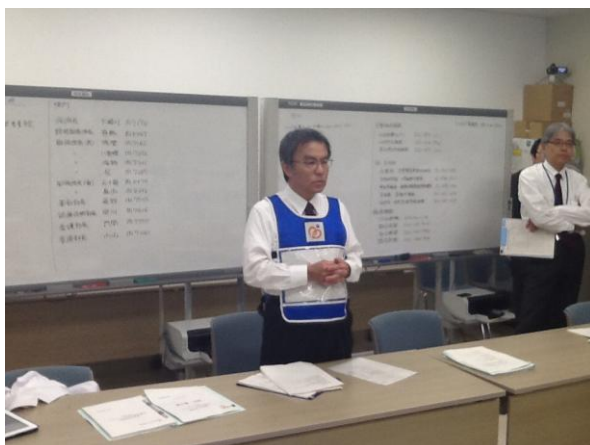
Topics: Mass casualty management in an assumed Sendai City Earthquake

On Nov. 8<sup>th</sup>, Prof. Shinichi Egawa coordinated the headquarter of Tohoku University Hospital General Disaster Practice. It assumed Intensity of upper 6 earthquake in Sendai metropolitan area and expected death toll is more than 100. Large number of injured victims will visit the hospital. President and Chief of Emergency Medicine lead the headquarter (HQ). Drs. Ns, engineers and officers act as player, students were recruited as simulated victims and their families. Evaluation was done by the committee of disaster mitigation and IRIDeS (Prof. Okumura).

After the Great East Japan Earthquake (GEJE), the disaster manual of Univ. Hosp. is updated to version 6.1 and for the first time, the manual of headquarter was implemented. Prof. Egawa lead the working group of HQ manual to include the role of HQ, collection and emission of information, role of each member in HQ and withdrawal of HQ.

Within 15 min, the HQ was established and the impact of disaster was defined level 3. All staff made initial report through website and the information was integrated into a database as shown below. HQ decided the general and individual action according to the information. The HQ was managed well beyond the expectation. Problems to be solved were clarified through this practice. Yellow and Red triage area concentrated on the rushing in severe patients but the coordination between HQ for human resource was required. In HQ, the flow of information should be controlled better. Chronological record should be closer to President to clarify the important information.

Staff changes make it difficult to remember the reality of GEJE. Annual training is vital to train the effective management of HQ and whole hospital response to large scale disaster.



President Shimosegawa in HQ



Realtime database integration  
 Shinichi Egawa (Disaster Medicine)